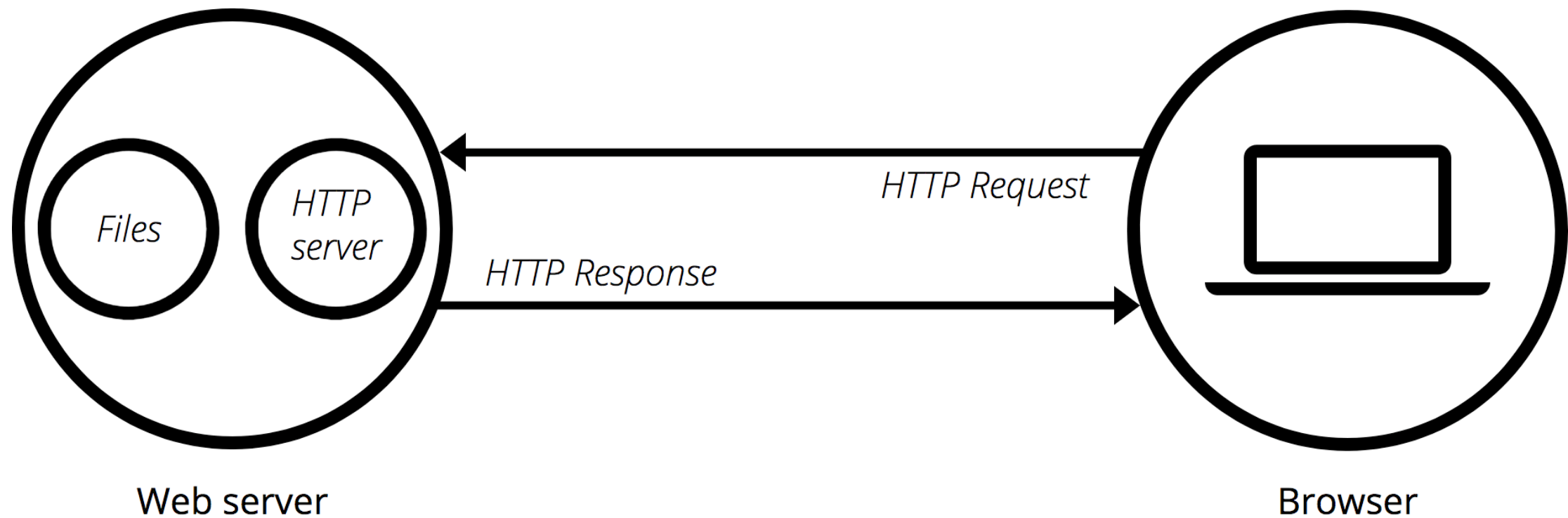


# JavaScriptBoost

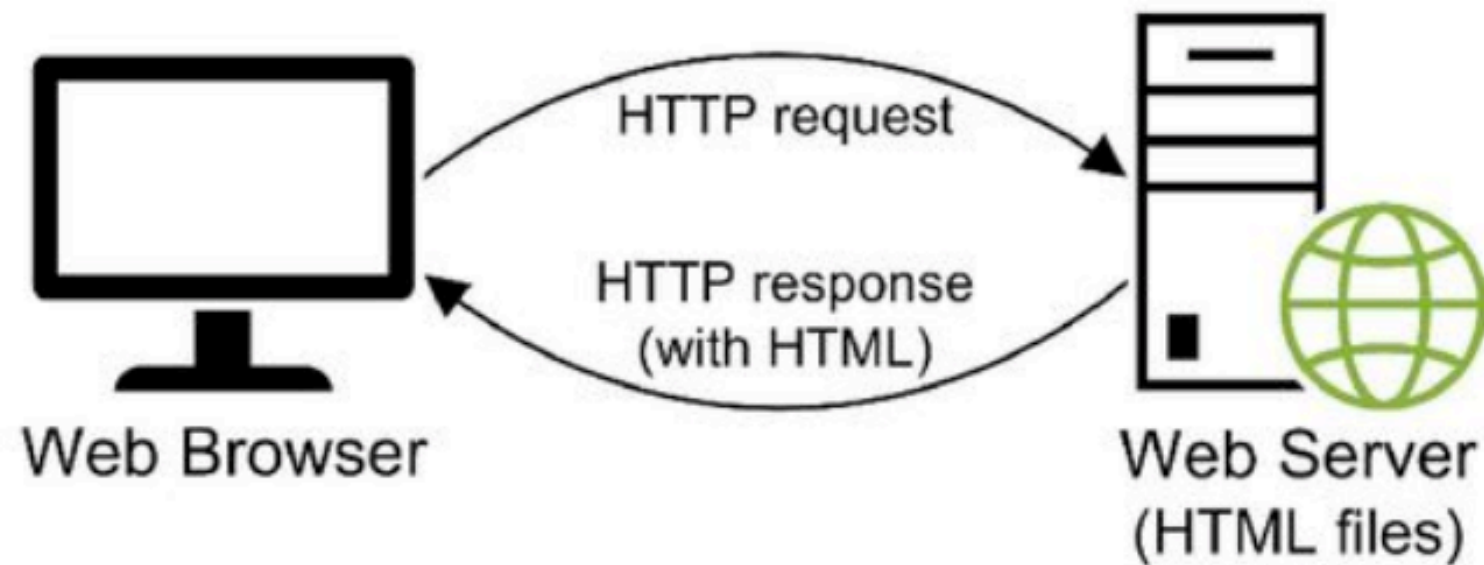
## Presentations

# Web Server

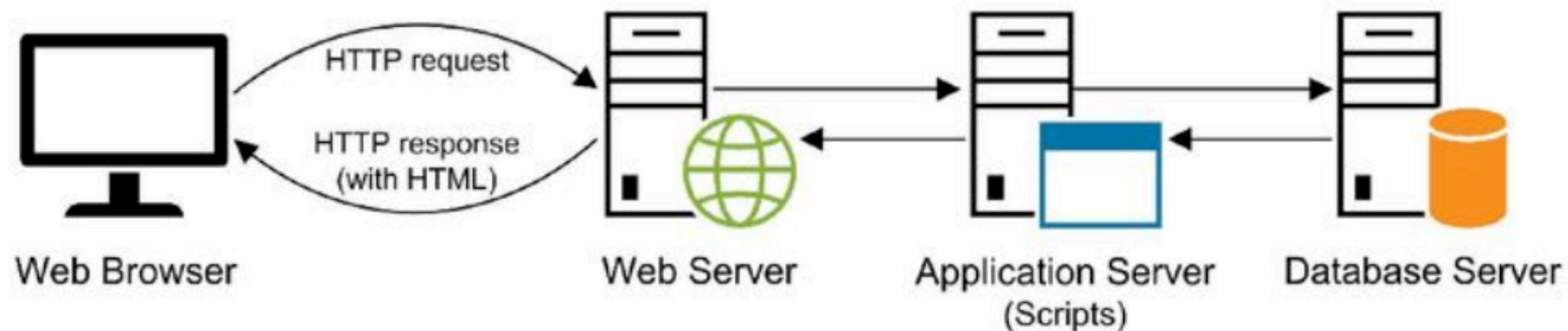
# How it works



# Static web server



# A dynamic web server



# Links

- [https://developer.mozilla.org/en-US/docs/Learn/Common\\_questions/What\\_is\\_a\\_web\\_server](https://developer.mozilla.org/en-US/docs/Learn/Common_questions/What_is_a_web_server)

# Hosting

# Hosting

- Hosting VPS
- Shared Hosting
- GitHub Pages
- CodePen - <https://codepen.io/>

```
Lesson6facultative — mike@jupiter: ~ — ssh jupiter.j123.ru — 106x23
[mike@jupiter:~$ lsb_release -a
No LSB modules are available.
Distributor ID: Debian
Description: Debian GNU/Linux 7.11 (wheezy)
Release: 7.11
Codename: wheezy
[mike@jupiter:~$ ls
apps backup160528 docker Downloads iso marssites20150525 nginx_apps node_apps temp temp_myaksts
mike@jupiter:~$
```



# DNS Manager

[DNS Manager](#) » **codingbootcamp.ru**

## SOA Record

Primary DNS	Email	Default TTL	Refresh Rate	Retry Rate	Expire Time	Options
ns1.linode.com	busation@gmail.com	Default	Default	Default	Default	<a href="#">Settings</a>

## NS Records

Name Server	Subdomain	TTL	Options
ns1.linode.com	codingbootcamp.ru	Default	<a href="#">Edit</a>   <a href="#">Remove</a>
ns2.linode.com	codingbootcamp.ru	Default	<a href="#">Edit</a>   <a href="#">Remove</a>
ns3.linode.com	codingbootcamp.ru	Default	<a href="#">Edit</a>   <a href="#">Remove</a>
ns4.linode.com	codingbootcamp.ru	Default	<a href="#">Edit</a>   <a href="#">Remove</a>
ns5.linode.com	codingbootcamp.ru	Default	<a href="#">Edit</a>   <a href="#">Remove</a>

[Add a new NS record](#)

## MX Records

Mail Server	Preference	Subdomain	TTL	Options
mx.yandex.net	10		Default	<a href="#">Edit</a>   <a href="#">Remove</a>

[Add a new MX record](#)

## A/AAAA Records

Hostname	IP Address	TTL	Options
	212.71.239.153	Default	<a href="#">Edit</a>   <a href="#">Remove</a>
master	139.162.249.218	Default	<a href="#">Edit</a>   <a href="#">Remove</a>
www	212.71.239.153	Default	<a href="#">Edit</a>   <a href="#">Remove</a>

[Add a new A/AAAA record](#)

## CNAME Records

Hostname	Aliases to	TTL	Options
yamail-d26bb517c211	mail.yandex.ru	Default	<a href="#">Edit</a>   <a href="#">Remove</a>

[Add a new CNAME record](#)

## TXT Records

Name	Value	TTL	Options
	v=spf1 redirect=_spf.yandex.net	Default	<a href="#">Edit</a>   <a href="#">Remove</a>
mail._domainkey	v=DKIM1; k=rsa; t=s; n=MIGfMA0GCSqGSIb3DQEBQUAA4...	Default	<a href="#">Edit</a>   <a href="#">Remove</a>

# Links

- [https://developer.mozilla.org/en-US/docs/Learn/Getting started with the web/Publishing your website](https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/Publishing_your_website)

# Twitter Bootstrap

# What is framework?

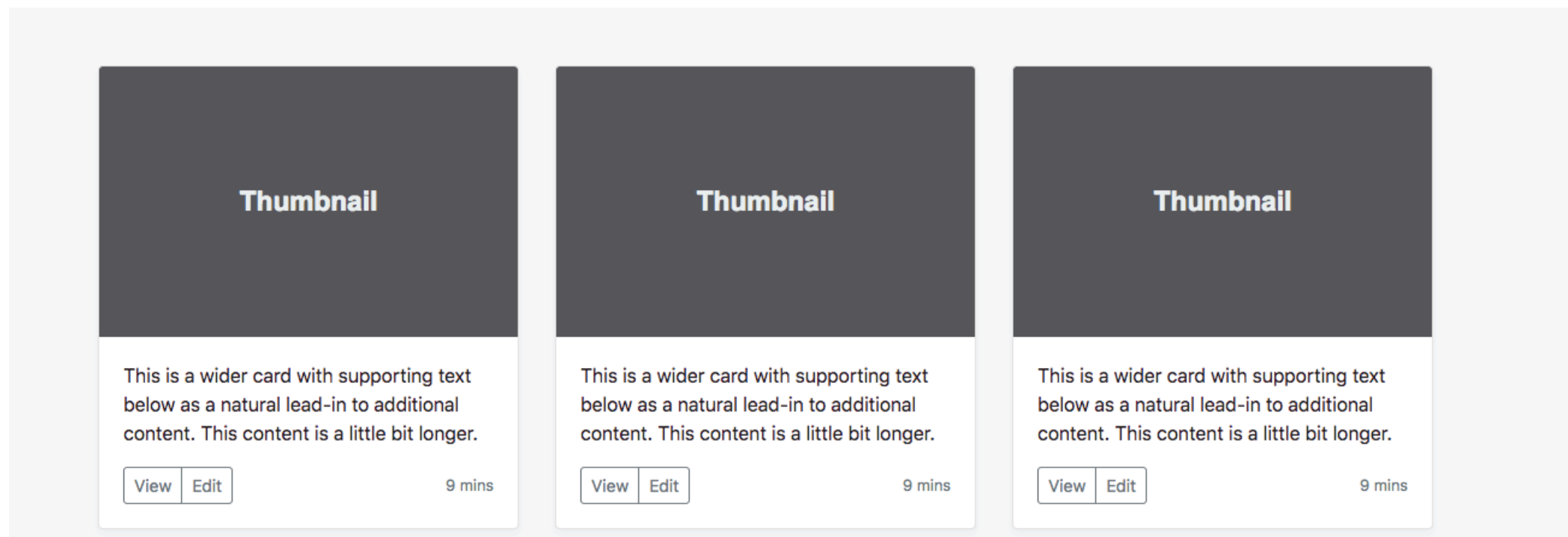


## Album example

Something short and leading about the collection below—its contents, the creator, etc. Make it short and sweet, but not too short so folks don't simply skip over it entirely.

Main call to action

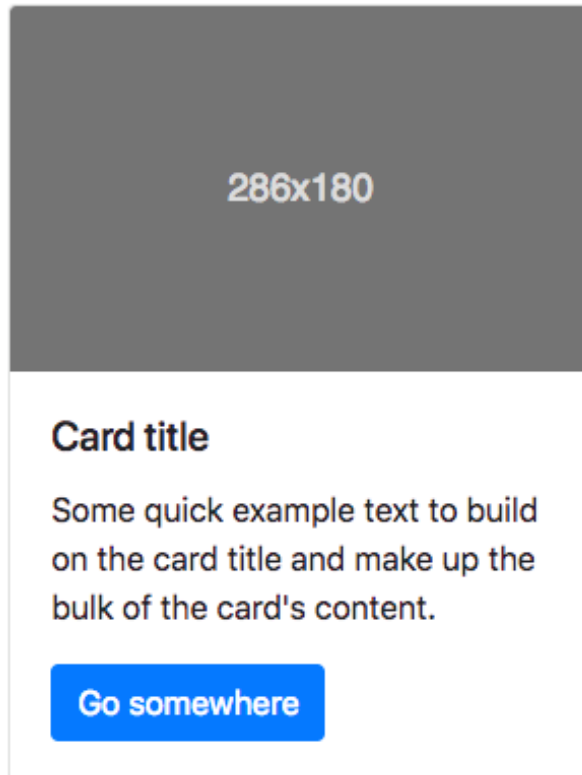
Secondary action



# It Consist of

- CSS
- JavaScript (jQuery ...)

# Usage



```
<div class="card" style="width: 18rem;">
  
  <div class="card-body">
    <h5 class="card-title">Card title</h5>
    <p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>
    <a href="#" class="btn btn-primary">Go somewhere</a>
  </div>
</div>
```

Copy

# Alternatives

- <https://html5boilerplate.com/>
- <https://material-ui.com/>
- <https://materializecss.com/>



# JavaScript

# JavaScript in Browsers (Chrome)

The screenshot shows a web browser window with multiple tabs. The active tab is titled "Adminka мент" and shows a page from "https://www.codingbootcamp.ru/courses/7/lessons/41". The page content includes a navigation bar, a breadcrumb "Админка ментора / Просмотр курса / Просмотр урока", buttons for "Просмотр курса" and "Редактировать урок", a section titled "Название урока" with the text "10. JavaScript (типы данных, if/else, функции)", a "Создать шаг" button, and a large heading "10. JavaScript (типы данных, if/else, функции)". At the bottom, there is a video player showing a terminal window with the command "C\_IW.L\_10. JavaScript basics" and a list of Node.js versions.

The browser's developer console is open, showing the following JavaScript code and its output:

```
> var a = 1;
< undefined
> var b = 2;
< undefined
> var c = a + b;
< undefined
> console.log(c);
3
< undefined
> |
```

A warning message is also visible in the console:

```
Warning: <iframe gesture="media"> is application-8184b7a3...6857761b142790.js:6 not supported. Use <iframe allow="autoplay">, https://goo.gl/ximf56
```

# JavaScript on Server (Node.js)

```
Lesson6facultative — mike@jupiter: ~ — node — 106x23
[mercury:Lesson6facultative mike$ ls
README.md  css  script-boost  images  git push  index.html  task
[mercury:Lesson6facultative mike$ node
[> var a = 1;
undefined
[> var b = 2;
undefined
[> var c = a + b;
undefined
[> console.log(c);
3
[mercury:Lesson6facultative mike$ ]
> 
```

JavaScript

17

JavaScript in Browsers

18

JavaScript on Server

19

# ECMAScript

[illegible]

# caniuse.com

Wiki - \_HOSTING\_INFO x Continuous Integration x codingbootcamp.ru/cou x Админка ментора / Пр x ES ECMAScript 6 compatil x Can I use... Support tab x

Secure | https://caniuse.com/#search=const

Home News June 25, 2018 - New feature: Feature Policy Compare browsers About

## Can I use ? Settings

7 results found

### # const - OTHER

Usage Global % of all users 90.05% + 6.51% = 96.56%

Declares a constant with block level scope

Current aligned Usage relative Date relative Show all

IE	Edge *	Firefox	Chrome	Safari	iOS Safari *	Opera Mini *	Chrome for Android	UC Browser for Android	Samsung Internet
			49		10.3				4
		60	66		11.2				6.2
11	17	61	67	11.1	11.4	all	67	11.8	7.2
	18	62	68	12	12				
		63	69	TP					
			70						

Notes Known issues (0) Resources (4) Feedback

1 const is recognized, but treated like var (no block scope, can be overwritten)

# Links

- <http://kangax.github.io/compat-table/es6/>
- <https://caniuse.com/#search=const>

# JavaScript and jQuery

# what is jQuery

- JavaScript library
- everything you do with jQuery you can do with vanilla JavaScript
- it helps develop faster



# When to use jQuery

- you can use it everywhere
- but you should use it where it boosts your productivity